Memoranda

IX

HARRY S. LADD
3905 Leland Street
Chevy Chase, Maryland 20015

IX

1958

Harry S. Ladd
U. S. Geological Survey
Washington 25, D.C.

bls full

1

-to Fed. Off. Bldg. to check in
-can't go to Travis today - 2
bills Pd!

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Hawaii - Marianas - Palau

March 2, 1958. Sunday - fair ±

Lv. Wash. DC noon

on United Air Lines

Flight 305 - non-stop to

San Francisco

Ar. San Francisco 5 25/PM

To Sir Francis Drake (10 00 - small room)

March 3 - Monday - showers

To local ONR office 9AM

1000 Geary St. - Phone Prospect 6-4312

Chief Scientist F.H. Quimby

- also met Mr. Kelley +

Mrs. Maxine Hughes

- set for flight tomorrow

- to Fed. Off. Bldg. to check in

- can't go to travel today - 2

bills Pd!

Work at hotel bal. of day

March 4 ~ Tuesday

-Work at hotel in AM
-To Fed. Office Bldg. (Civic Center)
for check-in at 12:30
-To Travis AFB by bus, lv. 1 PM
-Via MATS Constellation
to Hawaii -Lv. 7PM

March 5 ~ Wednesday

Ar Hickam AFB 2:40 AM,
a flight of 9 hr. 40 min
To Johnson's 2535 Makiki Hts Dr
-visits with
Woody + Susie
Woody IV + Christopher
Mrs. Ralph ("AK") Johnson
Lunch with Paul T.
To Bishop Museum

Talk + start work with
Yoshikondo - interrupted
for conf. with
Dir. Alex Spoehr
Harold Coolidge
Edwin Bryan
J. L. Gressitt
(-following visits with
and Gressitt)
-re plans to send party
to Jalvit to record storm
damage.

Derbys in for cocktails -
Colin + Va. Lennox after
dinner. Rain continues
- over 10 inches up here
today: [Total for Hon. in
24 hrs = 19" = all-time
record.]

March 6 ~ Thurs

Clearing. To Museum with Spoehr + back same way. Received Endocent call. by H. Walker in Viti, wife. Lunch with Kondo and Gressitt. + Carl Yoshimoto (Ento) Visit with Ed. Bryan.

To Ossipoffs for cocktails + to dinner with Roger Williams (he ill) at Japanese restaurant. High time

March 7 ~ Fri

Clear + pleasant.
To Pearl Harbor to pick up reserv. for Guam trip, to Meteor. Office of JTF 7 to meet Cdrs. Daniel, Rex and John Masterson + asst. Bike E-A south coast photograph.

To USGS Office in Fed. Bldg. - lunch with Dan Davis and Howard Leak (Porter Ward still in Guam) (Valenciano away to Spl school).
Party at Johnson's in eve - Chinese food (see p 5)

March 8 ~ Sat.

To see Woody III-family + house; lunch with Dave Blumenstock; to visit with Harold Stearns at Wahiawa in afternoon; cocktails at Spoehrs; dinner at home.

March 9 ~ Sunday

Talked with Mrs. HSP
To Punaluu w. K Johnsons
+ Lennox + on round island
looking at house sites.
Dinner at Ralph Johnsons;
Woody III + Susie up in
evening

March 10 ~ Monday

To airport for flight to Guam
scheduled for late morning;
delayed by engine trouble -
made one attempt to take
off but had to stop just
short of being air borne
by failure of ~~the~~ engine
to give any power. Return (
to Makiki Hts. for dinner
with Johnsons and
Woods (III).

March 11 ~ Tuesday
To airport at 3:00; took
off at 6:00 AM
I at party 3/7 -
Mr + Mrs. Paul Johnson
Ralph and BK. Johnson
Alex and Ame Spoehr - Bishop Mus.
Colin + Va. Lennox
Richard Cooke (BK's brother)
Gen. Avery + Polly Kerr (marines)
Stephen + Dora Derby (V.P. Bank Hawaii)
Valdimar Knudsen (ranch on Kauai)
Dr. + Mrs ? Rodgers (Minneapolis)
Mrs. (Gwen) Roger Williams - Hawaii
Mrs. Elbert Griffith (Dotty)
- Irvine, Calif.
Dr. Morton + Dorothy Berk
Lt. Dick + Janie Hughes (marines)
Woody + Susie Woods III

cross Date Line

March 12 ~ Wednesday

Ar Kwaj 12:40 PM
(2:45 TH time) (local time)

Lv. Kwaj 3 PM

Ar. Guam 6:55 PM (local)
(= 8:55 Kwaj)

Met by Porter Ward of USGS
checked in at NAVY TRANS. BOQ.

March 13 ~ Thursday

With Porter Ward &
Trust Territories Office
- met Thelma Gorham &
+ Liaison Ada - given
increase to 165 (later 15 more
= 55) - no formal permit issued
(came later)
To meet High Commissioner
Del Nucker

To office to repack -
Met -

Ben (Vicente) Santos
Joe Quimata
Antonio Santiago (typist)

To meet Gov. Lowe ("La-Wa")
and Secy Boss
- after lunch had 2nd
Tetnus toxoid at hosp.
- finished repack for Palau
- took Porter + Mrs Ward (Pat)
to dinner at off. club
"Top of Mar"

[Visited Public Works but found
Hank Meyer, Head, in conf. w
Jim Stewart, Architect, out
- talked with Francis Tracy's
red-haired successor]
- did not see J.A. Santos + Ben Torres

March 14 ~ Friday

Lv. NAS Agana on 6

"Gruming" Albatross - 2 motored amphibious plane - from Trans-Ocean - 8:45 AM

Met Myron Kerner of U.S. Weather Bur. (Emison Officer), Guam, also on way to Koror; also a vetinarian Dr. Ray and Mannie Sproat, Dir. Fisheries

Stopped at Yap (on water) to ~~pick~~ discharge mail & freight; on to Koror, arriving at ~~11:00 (= 10:00~~ about 1:15 PM (= 12:15 local time)

Met by Mr. & Mrs. Robert Owen, Trust Terr Entomologist, to their home, lab. & upstairs apt; to meet Don Herron, District Administrator ("Distad"), Maloney, Asst. Distad, Smith, Hosp. Admin, etc. etc.

Walked out to Malakal to old quarry for rock decidedly not promising for fuel, caverns, coal, coal deposits, etc Agg. (prob. Eocene Ngaruangl memb. of Armelibiu formation) but is used locally for road metal is fresh, blue gray, hard, and evidently being weathered

Dinner at Owens with Mannie Sproat & Dr. Ray.

Mar. 15 ~ Saturday

Shopping for food, etc in AM; by Jeep to examine loc. & vol.

7

Children Ramona - 7
Bruce - 5½

contact at water point.
on east side Koror Is
ridge.
Met Dr. Conover, local
medic in charge & Mrs.
Robinson who manages
Royal Palauan Hotel;
also husband, a surveyor,
LeGoullon operates bar.
Sydney Seid ("Saed") is
manager Western Carolines
Trading Co.; to his home
in late PM (cannot
contact Sumang, guide
until evening as he is
ardent 7th Day Adventist)

-To call on Sumang about
8^00. Will work for 3.50
+ food (claims Sabbaty
paid this)

Mar. 16 Sunday

To NW end Aulupta jct —
foram ls. + land shells +
little else. To Arkabesan
to see Oligocene (?) age;
no trace of foss. in matrix
or blocks.

Mar. 17, Monday

By launch ($10) to Urukthapy;
ran Lighthouse section;
Sumang as guide ($3.50)
Coll. moll. molds on way
up and larger forams
near summit.

Mar. 18 Tuesday

By outrigger canoe to
collect on NW side (E

of NE ends of N West of Auluptagel Id. - ab 1st dl. contact. Good lagoon fauna of well preserved molluscs - many spec. - few species - dominated by tellinids and strombids.

Mar. 19, Wed.

Collected from two vol-
is. contacts SE of Koror (small id. and on Auleptagel) - same fauna but poor preserv. Spent afternoon quarrying at LP-10 - results only fair - used outrigger canoe

Mar. 20 ~Thurs.

Climbed to summit of Auluptagel but found no good larger forams. Col/. few poor moll. molds at various levels; trip by outrigger.

Mar. 21 ~Fri.

First day of real work. In laundry & vol. area mapped in NW corner of Rasong Bay (west end Auluptagel). Examined during & between rain. Vol. outcrop on west (under la ship) & on east where they form a grassy peninsula. Followed ls. cliff at base of this point but saw no evidence one or any mold.; thick upper ls. here crept over load ls. beds.

Office work in afternoon.
Dinner with Owens.

Mar. 22 ~ Sat. - rain, low mobility
Owens off to Guam on
plane at 8 AM. Move
into house with Sako
and Kids - Ramona (7)
Bruce (5)
Met John McGowan, Mar
Biol. (Scripps) at plane.
- Even if Saturday were not a 7th Day - er could not have done field work
today.
Picked fossils, etc.
Spent afternoon
with McGowan; marine
biol. in charge of Trocas
program
Ran let up about

6 PM.

Mar. 23 ~ Sun. - clear morning
Office work + finished
packing 6th box in AM.
To N. end Ls NE of
Koror for land shell rubble, etc
In PM - heavy rains at
intervals - to Ngadarak Reef
SSW of Aimeliik
with John McGowan to
coll. Pyrgoma.
To McGowans to dinner
with Dr. Conover.

Mar. 24 ~ Mon
By launch to SW Babelthuap
Coll. from Eocene ls. blocks
in Eocene agg. and from
Asterospira zone of
Palau ls. west of
Ngiwal River. Launch

failed to return at
tide outrigger acres
ferry channel + walked
to town.

March 25 ~ Tues

Packed and shipped
150 lbs box on Errol.
Collected 2 oriented spec.
for Swartz.
In P.M. hired launch
to examine Is. exposed
east of Gihmel River on
Babelthuap. Obtained fair
fauna of rocks - tellinids,
etc. + Trochus ~ Gonas +
good Spondylus (?) - also
Acropora zone but
same type expansive
as LP-10.

Mar. 26 ~ Wed

To Goikul on Babelthuap
by launch; collected excellent
gast. fauna fm Airai bed
on NW side of Is. "island"
- returned outside inner
reef to Babel. Ferry site

Mar. 27 ~ Thurs

Collected isolated outcrops
on left bank of Gihmel
River; onto Goikul for
add. coll. + reconn.

Mar. 28 ~ Fri

Returned to Goikul area
to coll. from Airai clay
beds - 100 lbs ±

X

11

Mar. 29 ~ Sat

Working on Arai fossils in lab all day - separating, impregnating with alvar + acetone, etc.

Mar. 30 ~ Sun

Finished preps. + packing, etc

Mar. 31 ~ Mon - showers

Returned to Goikul & transm between docks + fossil loc., etc. Coll. lights + add. mail

Apr. 1 ~ Tues

To near Arai village - visited Arai interps + visited la. interp; sending at Arai village

Apr. 2 ~ Wed

Returned to Arai village to see la. interp; delayed by low tide; to Nardueva Bol to see contact zone, etc.

With Reggie Hanna, Fisheries Biologist of T.T. in evening

Apr. 3 ~ Thurs

Last of packing (3 cl. wooden (ux), etc. Bol Oum returns; dinner with Dr. Conover, et al

Apr 4 ~ Fri

Lv. Kord on Trans Asian hydroplane 7:45 AM ±

Mar. 29 ~ Sat

- stops at Yap (lagoon)
and at Ulithi (no stop)
Ar: NAS Guam 4:15±
(local time)

To Porter Wards for dinner
- night in Quarters 20-158
at Navy Transient BOQ

Apr. 5 ~ Sat

Shopping, etc. in AM; to
office; to call on Mrs
Owen at Naval Hosp. - found
her out for afternoon: Back
to office - Saipan, etc.

Apr. 6 ~ Sun

Recon. of areas to S.
- Marianas + Afam area
+ to NE. Called again
on Mrs. Owen - out -
to Wards + to dinner
with them.

Apr. 7 ~ Mon

To see Cdr. P. W. Brudwell,
Ld. Hosp Offcr + arr. trans
to Saipan, leaving 4/11
(poultry trip to Tinian can
be arr. by M. boat from Saipan)
One of 6 localities (#6) in
restricted area (NTTU = Naval
(sic!) Technical Training Unit)
but may be able to arr. conduct
visit. To report to Naval
Administrator, Cdr Morey
+ prob. will stay at Naval
Admin. Unit (B.O.Q).

To see Dick Lundberg
- in charge of Testing Lab
at Public Works

To Trust Territories
Warehouse on Marine

Drive. Stuff from Errol
not yet delivered to warehouse.
Will come in 2-3 days - will
call me + hotel boy wants
other 2 cars. - Then send all 3
on B/L to be forwarded by
T.T. - + pd by GS - give
address later

In PM to Alfan
Quarry + to Bonya
outcrops near 304
To call on Mrs Owen
+ Joppie for work in
evening.

Apr. 8 - Tues
Collecting from Bonya,
etc. N of Fena Reservoir
dam. Fair results
Office in evening to
pack fossils, etc.

Apr. 9. - Wed
Returned to PIE 304 area
in AM; to Talofofo
area in early PM, ending
with coll. at PIE 222, to
W. of Inner Apra Harbor.
Office in evening.

Apr. 10, Thurs
Collecting in Mariana, etc.
in AM. Packing, etc. in PM.

Apr. 11, Fri
To Saipan by air, leaving
9:00± = 45 min.
To BOQ - in field in afternoon
- to S144 (dud) + to C35 (OK)
- dinner with Stackhouse +
Bohannan.

Apr. 12 ~ Sat

In a.m. collected fairly good fauna in Tuffaceous facies of Toyochan. In PM tos worksp pix for Navy Intell. + looked for "Diary to reach" 5-40 ?, etc. Dinner with Col. Johnson + to local prize fights

Apr. 13 ~ Sun ~ Rain - almost continuous all day. Looked unsuccessfully for additional outcrops of Tuffaceous facies in morning; did additional collecting of petrologic stuff. from loc.; looked for other exp. areas idle - as luck

Apr 14 ~ Mon.

To Tinian by LST - about 3 hrs. Spent afternoon searching for a fossiliferous loc. & melange - found localities but no outcrops. Night at Henry Flemings hotel

Lost glasses in Tinian Town

Apr. 15 ~ Tues ~ Tinian

Trucked south coast loc, high hill southeast of harbor + exp. in old asphalt plant - no luck - would need much mechanical + time to reach exposed contact + fault zone - each SE of village. Back to Saipan, leaving at 1:30 PM

Apr. 16 ~ Wed.

Made arrangements for mule to N. Saipan; coll. army Map Ser. data

from Cdr. Johnson; to
N. Saipan to coll. Swartz
spec, Eocene foram + to
Guy (unsuccessfully) to
check Eocene moll loc.
(5381) in company with
A.J. Sacher of NTTU.
To coll. ech., etc. NE of
and-quarry on Mary Ford
Farm

Apr. 17 ~ Thurs

All day in field checking
cloud location - good
results at C136 -
many fossils
To go back to Cdr
Richards for drawing
supplies

Apr. 18 ~ Fri

Returned to Guam
- made MATS reserv. for
5/1 - will need help to
old quarters in Q-20-158
Feeling poorly

Apr. 19 ~ Sat.

Bad night - to Naval Hosp
for xylocaine, told to spend
week-end in bed with
aspirin, Benadryl, +
Thyla sulfa suspension
Ache low (slightly) on rt.
Doc thinks it's a delayed
reaction from allergic
penicillin

Apr. 20 ~ Sun

In the sack - taking
some bitter in evening

Apr 21 ~ Mon

Returned to Naval Hosp.

where doctor said he probably suffer from arthritis - too many warm, breezy nights. Predicts symptoms would go away when I leave islands.

Checked on Pistons, Bases, etc. To illustrate room in PM., call. If so Sister Office in use

Apr 22 - Tues

To called add. material on Dadi Beach (crushed Cor); around south end of island collecting S of Agfayan Bay and N. of Bandelue Bay. - packing - afternoon (Vac would take all Betty Misenhimer's desk - heart attack - last Tues)

Apr. 23 - Wed

Re-examined Alfon Quary area - on 4 called 2 PIE Locs. + rowed the north end of ad. Visit with Cdr Cox in PM re typhoon tracker. Office in use

Apr. 24 - Thurs.

Only four Locs in loading note. 5 to remaining PIE Locs. (Visit with Mrs Bud Brown in AM - he still in hospital. Might be able to see him on their Way) Packing in late PM office in use

Apr. 25 ~ Fri

- collected mail & sent copy Emma Hendry to see Mendoza & Co
- to see Hall & mail my departure & Mon 27th

Apr. 26 ~ Sat.

Packed last of possibles - equip. (total 6 wooden boxes + 1 bedroll tank). Even longer (over 6½ & over on fuel.

Apr 27 ~ Sun

Office & mail - bills, etc.

Apr. 28 ~ Mon

Showed down to Ubet + Palau (p. 70 & 71). Visit & lunch with A.B. Bronson standing by for trans (MATS plane held up in Tokyo for repairs) - flight finally cancelled

Apr. 29 ~ Tues

No planes scheduled for today & tomorrow - have firm reserv. for seat on May 1 plane.

Correction; Tom round flight left up from Kwaj - scheduled in at 5:30 PM

- Lv Guam 7:05 PM
- Ar. Kwaj 1:55 (17hr 50)

Lv. Kwaj 6:00 PM - Kwaj time
cross date line - to 4/27
Ar. Hickam AFB 5 PM 18
(P.H. time)

to Paul Johnsons

Apr 30 ~ Wed

Reservations, shopping etc
- am Lv all day
Capt. Baskett joined
us for dinner

May 1 ~ Thurs

Work on ms in a.m.; lunch
at Outrigger Club with
Johnsons - At party in PM -
Macdonalds Mr + Mrs C-
Ward, Mr + Mrs Parker
Pilmer, Dr + Mrs Harold
Edmondson, Dr + Mrs
Spicer, Dr + Mrs
Kondo, Dr + Mrs
Lemmon, Mr + Mrs Colin
(Dean) Austin, Bigham
+ Leaks could not
come)

Dinner with Johnsons
at Lemmon home

May 2 ~ Fri

Work etc in AM; to Bank
Dinner for Frank + Betty
Clapp at Prof. + Mrs Moffat -
to Mamo Theatre with
Daddy, Mr + Mrs Johnson
+ Bigham
(Congressional + grand children)

May 3 ~ Sat

To Maui with Johnsons and
Lemmon's plane. Dinner
at Kea Lani with Johnsons

May 4 ~ Sun

Packing etc AM; to Sea
to Kaalaea AM Rd
Dinner with Johnsons

May 5 ~ Mon.

To Dr Moffatt for find Treatment. - mailed excess literature, etc. Flight time moved up (temporarily) - cancelled visit to Mus., etc

Lunch with Dr. Spoehr at Pac. Club.

Lv. Honolulu MATS 18 FC
- Mgt Eddie McKee
Wrams at airport
Lv Honolulu Flight 526/125
18:45

May 6 ~ Tues

Ar. Travis AFB 7:40 P D.T.
To Int. Airport by bus. Called Hedgpeth - he in town
Lv. San Francisco via
United Air Lines 6:30 PM

May 7 - Wed

Ar. Wash. DC 8:55 AM E.D.T.

36

Trav. checks

355 - San Fran		73	Guam
6 - Honolulu		74	4/16
7 - Guam	3/13	75 - Guam	4/21
8 - Guam	3/14	76 - "	4/23
9 - Koror	3/15	77 "	4/26 ±
360 - "	3/18	78 "	
61 - "	3/22	79	4/27 ±
62 - "	3/29	80	
63		81	T.H. 5/2
64	Koror 4/2	82	T.H. 5/3
65		83	
66			
67			
68	" 4/3		
69	Guam 4/5		
70	" 4/5		
71	" 4/9 ±		
92	" 4/10		

81-129-867 - CO Pan 4/25/67

LVP

1 - 10 oz - Green 4/15 ±
(~~with~~ #467 ?)
60 Green 4/22

38

Chief Williams
Dist. Train-Off
phone 471, x-3221B

Telephones (over)

USGS Guam 42-1258
Davis, Dan (home) 991-988
H.T. Steams Wahiawa
224008

P. Johnson 67-801
C. Lennox 65-326

Bishop Mus 85-957

USGS - Honolulu 58-831
" - Agana 721-258

Hedgpeth (home) Valley 3-3867
Sebastopol
Route via Santa Rita
(offic) Tomales 2573

T. Austin 91181
Owen, Hora (Hosp) 4971, x-205
Bridwell, Cdr. 447-127

E.R. Hall (MATS - GUAM) 445228

Addresses (on spl list for Saipan Tinian)

Ellsworth, Elmer W.
ARPC Box 979 Tulsa

Tracey - Apr. 7-19 in Denver

Gardner - 4548 Windsor Lane

United Air Lines - Post & Powell Sts S. Fran.

USGS - Govt. Guam Pub. Works Compd.

C. Lennox 2364 Makiki Hts. Dr.

Bishop 1355 Kaihi

H.T. Steams Box 241
Wahiawa, Oahu
TH

David I. Blumenstock
U.S. Weather Bur P.O. Box 3650
Hon. T.H

40

Hedgpeth — Pac. Mar. Sta., Dillon Beach, Marin Co, Cal

Jaques — 7144 Amherst Ave St. Louis 5 Mo.

Hera + Robt. P Owen — Koror, Palau

Nick ΦKT House, U. of Md., College Park Md.

Okada, Stephen — 75 Aiai St. Kahului, Maui (Maui Co. Bd. Water Supply)

Erbie Baker - Guam - will pack + ship collections commercially

Albert Bronson - "Shells of Micronesia" shop

Sumang Y (or Y. Sumang) (Sumang Yachaderchemai)

Sabrosky, C.W. - USNM

[Ronald Force, Chi. Mus. friend of Dr. Conover, Koror]

Gilbert Corwin
Mil. Geol. Branch
U.S. Army Map Ser, Far East
APO 500, San Fran.

Le Goullon - hotel bar, Koror
Robinson - " ——— "
Dr. Conover - ——— "
Heron - Distad ——— "
Kerner - Ent. (Guam)
Ngirakasau, Haru ("O Hebei"/Adibai) } Lab boys - Koror
John McGowan - Biol - Koror
Reggie Gaines - Fish. - "
Dela Rosa
Francis R. Mahoney - Asst Distad

Transportation

3 mos. rd. trip - Wash - S. Fran. - United Air — 297.10
tax free

Ordinary trans - cont. 40 lbs
On order —— 66 "
- excess @ 7¢ per lb.

MATS out of S.F.

Daily except Sun.	Lv. 0930	Ar 1820
Mon.	1530	2320
M, W, F.	2330	0740 next day

United Air Lines - San Fran
Powell + Post Sts

v-personal exp.

To start £00 chep
91 cash

Expenses

Passport	1 00
trav chex (10 @ 10 + 40 @ 20)	9 00
excess baggage (15 lbs) 3/2	12 05
bus airport to town "	1 25
taxi to hotel "	70
Hotel Sir Francis Drake	20 00
B+W. 3/3	3 51
telegram to DMJ-T 3/2	2 30
insurance - SF-Guam-Hnl.	5 00
Taxi, Honolulu 3/15	4 75
Taxi, Honolulu 3/10	
Tridacna (Dave)	4.00
Helmet (DMJ)	1.75
wooden idol (Ellen)	1.00
lighter	1.50
launch 3/17 - receipt	10.00
canoe 3/18 - 21	1.50
launch - fun 3/21 - receipt	3.20
~~Diamond Head~~ 3/24 launch to Bab.	1.00
taxi 3/24 —	.75
	50

launch 3/25 — 2.50
" 3/26 — 6.00
" (Sea receipt) — 32.00
Sumang - total (Sea receipt) — 45.50
shell — 2.95
Soko — 10.00
Ngruchosen — 5.09
~~Kat gift (Ester)~~ — ~~50.00~~
Pittebai — 2.00
trousers — 3.95
towels — 1.48
watch (1 yr. guarantee) — 12.95
flowers (Mrs Owen) — 5.00
2 rolls dev. — 3.00
2 rolls film 4/10 — ~~6.00~~ 3.25
" " " — 3.25
Chan #s — 11.80
Ben Santos 4/26 — 15.00
Radio & P — 2.80
IG pass — 2.70
PL fare to Maui — 24.64

Eye medicine - receipt 512 — 3.50
4 bottles Bufferin — 2.01
Book on Timian for "Tukasberry" — 4.50

~~3/24 - Kona - launch to Oahu - 10.00~~

" - taxi 75

Sumang 8 days @ 350
thru 3/26 = 28.00
3/17, 18, 19, 20, 21, 24, 25, 26

2 rolls film (Guam) 6.50

perfume 11.80

Picture localities

R1 - 1-3 views from hotel window toward Top of Mark + up Powell St.

4-6 Diamond Head + 2 garden views - 2535 Makik. Hts Dr.

7-9 Diamond Head (PM) + DMLJ + Paul J.

10-12 Punalu'u 3/9

13-14 LP-10 3/6

15-16 - toward Bat. thru fog from Sweaty #1 ±

17 - same loc. toward N end N-S ridge on Kuvar Palau Is. cliff background, veg. clearing + veg. in foreground

18-20 views from Mauna Loa Kona

R 2 - 1-20 Inside of N
Southern Babelthuap +
view of boys on launch,
Sumang, etc
- mailed R 1-2 to Kodak Hawaii
4/5/58

R-3 } - wharf pix for Naval Intell
R-7 } - on split sheet + marked M.F

R-5 Honolulu + Guam - and
C.U. Tamaran + Golden Rule, etc

R-6 - Matty Mann - four
Honolulu

Correspondence

Jane - 3/2 // 3/3 // 3/4 // 3/5 // 3/6 // 3/8 // 3/10 // 3/16 // 3/18 // etc

Dave 3/7 // 4/ // 4/

Nick 3/10 // 3/29 //

C. G. Johnson 3/31

J. Gardner 3/3 // 3/7 // 3/13 // 3/19 // 4/5 // 4/12 // 4/27 // 4/30

S. O. Schlanger 4/21

J. I. Tracey 3/12 //

Ellen Trumbull 3/5 //

~~David Wilson~~

Jaqueci 3/10 // 4/2 // 4/22

Johnsons, Paul 3/2 // 3/29 //

Office - 3/6 // 4/5 // 4/23 //

Creagh 3/10 //

Lill 3/9 //

Demond 3/2

Potratz 3/3

Bayer 3/3

Todd - ? // 4/23

Corwin 3/31

REC 4/21 //

Shepard 3/21 //

Kennon 3/29 //

Johnson JH 3/28

Chase 4/ //

F. Tracey 3/13 //

Jones, P. 3/7 // 4/30

Ginsburg 3/7 //

Hedgpeth 3/4

Houtz (Viti) 3/4 //

DuShane 3/5 //

Cahee 3/7 // 4/5 //

J. Swartz 3/30//
Cole 4/1//
Sabrosky 4/3//
Lowenstam 4/4//
Weld 4/5//
Watt 4/22//
Hoffmeister 4/21//
Cooper, A.A. 4/22//
M. Miserocchi 4/23
Bb Owen 3 + 4/26

Preservation

- for impregnation
  - acetone (hospital? - common solvent)
  - add alvar to make desired thickness - dissolves very slowly
  - dry embedded foss. + matrix + sit in dish thin sol'n.
  - Krylon - spray for hardening surface

Rubber molds - put 2 coats - put on with care to avoid bubbles
- otherwise faster - pour on it
necessary - wet with water before applying rubber.

Mollusks

- Boil in fresh or salt water for 5 minutes (start in warm water + cool gradually)
- any less than 1/3" - soak in 70% alcohol + dry thoroughly in sun (isopropyl alcohol may be used - at 50%)

Land shells - drown in fresh water over night (12-24 hrs) - drain - place directly in 70% alcohol.

shipping

When using B/L project no.
is 8907981 (this is
no. of misc. shippings on
GS)

Air freight costs considerably
less than Air express
2.38 per lb. under 100 lbs.
1.84 " " 100 to 439 lbs.

Shipped wooden box (150 ± lbs)
to Guam On Errol 3/25/82
- everything to date except
dried Pyrgomas

(over)

4/28/58

Shipped 7 wooden boxes
+ 1 steel tank of alcohol
- F.O. Owen of Trust
Terr. Inc 3 Palau boxes
+ will ship all 8 pieces
on 1 vessel - but not on
pallet or bag box. Will put
metal straps on all boxes
+ send on single Ind. B/L
to U.S. Dispatch Office,
129 Appraisers Bldg
San Francisco
- to P.E.E.L (= Pan
Foreign Econ Ltd) - should
reach Wash by Mail Mon
- by air express
message unto to:

N.C. Murphy, Jr.:
Director of Property & Supply
T.T. Pac Ad's
Box 542 Agana
- memo to copy to

Address of
Ellsworth, Elmer W., Bus. Mgr. ARPC
Box 999, Tulsa

B/L will be sent direct
to it w Rm 405
Shipped with Gen Pay
Mr. Geological Survey
890721

- 2 cartons (folding beach
bags etc) will go to
Bikini by air B/L
dated to same Ship No

7530-243-9366
(53-B-22500)